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(71) Applicant (for all designated States except US): **BISMUTH CARTRIDGE COMPANY [US/US]**; 7155 Valjean Avenue, Van Nuys, CA 91406-3917 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **PETERSEN, Robert, E.**, [US/US]; 6420 Wilshire Boulevard, Los Angeles, CA 90048 (US).

(74) Agents: **REPPER, George, R. et al.**; Rothwell, Figg, Ernst & Manbeck, P.C., 1425 K Street, N.W., Suite 800, Washington, DC 20005 (US).

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(54) Title: METHOD OF MAKING A FRANGIBLE NON-TOXIC PROJECTILE

(57) Abstract: A method of making a frangible, non-toxic projectile is described in which substantially pure bismuth metal is melted, a quantity of the bismuth metal is poured into a mold, the bismuth metal is cooled to form a substantially bismuth metal core, the core is swaged in a profile die having a bleed hole of about 0.020 inch to about 0.038 inch in diameter, and the core is electroplated. The swaging may eliminate substantially a surface irregularity. The projectile may be releasably disposed in a cartridge along with a propellant and a primer, in which the primer ignites the propellant upon contact with a firing pin. The cartridge may itself be releasably disposed within a barrel of a firearm.